

SAFETY DATA SHEET



DATE ISSUED : 4/1/2021

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Havana (Archipelago type)

PRODUCT TYPE: Perfumery Compound (Mixture)

PRODUCT RECOMMENDED USE: Compound used in customer substance/ mixture / product.

MANUFACTURER

NorthWood Distributing, LLC

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Belle Plaine, MN 56011

customercare@northwoodcandle.com

952-679-4058

2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard Class	Category	Hazard Class & Category	Hazard Statement
A.4S	Skin sensitization	1	Skin Sens. 1	H317
B.6	Flammable liquid	4	Flam. Liq. 4	H227

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

GHS LABEL ELEMENTS:

HAZARD PICTOGRAM



SIGNAL WORD: Warning

HAZARD STATEMENTS:

H226 Flammable liquid and vapor.

H227 Combustible liquid.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

P201 Obtain special instructions before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P321 Specific treatment (see on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to industrial combustion plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
(4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene	91-64-5	1% to <5%
3,7-dimethylocta-1,6-dien-3-ol	78-70-6	1% to <5%
3,7-dimethylocta-1,6-dien-3-yl acetate	115-95-7	1% to <5%

INGREDIENTS:

The identity of the specific components of this mixture is proprietary information and is regarded to be a trade secret, in accordance with Paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to Section 2 for Health Hazard Identification based on the evaluation of the individual components.

4. FIRST AID MEASURES

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

EYES:

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

SKIN:

Wash with plenty of soap and water.

INGESTION:

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

INHALATION:

Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration and oxygen if available. Seek medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

In the event of a genuine medical emergency, additional information will be revealed to a qualified health professional.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray, BC-powder, Carbon dioxide (CO₂)

UNSUITABLE EXTINGUISHING MEDIA: Do not use the direct water jet on burning material.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE /MIXTURE: In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

DURING FIREFIGHTING: Water may be ineffective.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS: Treat as a chemical fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

ADVICE FOR FIREFIGHTERS: In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Eliminate all ignition sources. Ventilate Area. Contain spill and absorb spill onto inert material. Place material into a suitable container and dispose of in accordance with local regulations. DO NOT leave soaked rags or paper in unsealed receptacles as spontaneous combustion may sometimes occur under certain circumstances.

ENVIRONMENTAL PRECAUTIONS:

Keep away from drains, soil, surface and ground water.

CONTAINMENT AND CLEANUP:

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

OTHER USE PRECAUTIONS: Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

HANDLING AND STORAGE:

Use splash goggles or face shield when eye contact is possible. Respiratory protection is not generally required, if desired use NIOSH approved organic vapor respirator. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Store in a cool, dry, well ventilated area away from all sources of heat or flame.

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

ENVIRONMENTAL PRECAUTIONS:

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

Managing of associated risks

- Explosive atmospheres
Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.
- Flammability hazards
Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.
- Ventilation requirements
Use local and general ventilation. Ground/bond container and receiving equipment.
- Packaging compatibilities
Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION**Occupational exposure limit values (Workplace Exposure Limits)**

Country	Substance	CAS	Identifier	TWA ppm	TWA [mg/m ³]	STEL ppm	STEL [mg/m ³]	Notation	Source
US	ethanoic acid phenylmethyl ester	140-11-4	TLV®	10					ACGIH® 2019
US	ethanoic acid phenylmethyl ester	140-11-4							

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours timeweighted average (unless otherwise specified)

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: If desired wear a NIOSH approved respirator. Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

EYE PROTECTION: Use tightly sealed splash goggles, face shield, or safety glasses with brow guards and side shields as may be appropriate.

SKIN PROTECTION: Avoid skin contact. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Use of a rubber apron is recommended when handling large quantities of this material.

WORK/HYGIENIC PRACTICES: Good personal hygiene practices should be used. Wash hands after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before using again.

OTHER USE PRECAUTIONS: None generally required.

COMMENTS: This material is intended for manufacturing use only. Contaminated equipment should be cleaned with soap and water. Do not discharge wash water into lakes, streams, ponds, or public waters.

APPROPRIATE ENGINEERING CONTROLS:

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Very pale yellow

ODOR: Conforms to Standard

APPEARANCE: Conforms to Standard

FLASH POINT: 195 F

FLASH POINT METHOD: CLOSED CUP

AUTO-IGNITION TEMPERATURE: 80.6 F

BOILING POINT/RANGE: 385.3 °F at 99.2 kPa

MELTING POINT: Not Determined

VISCOSITY: Liquid

VAPOR PRESSURE: 200 Pa at 298 K

VAPOR DENSITY: Not Determined

SOLUBILITY: Oil

PERCENT VOC:

SPECIFIC GRAVITY: Not Available

EVAPORATION RATE: Not Available

REFRACTIVE INDEX @ 25C: Not Available

SOLVENT CONTENT: 97.12%

SOLID CONTENT: 2.878%

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product is stable under normal storage and use.

POSSIBILITY OF HAZARDOUS REACTIONS: None Known.

CONDITIONS TO AVOID: Excessive heat, sparks or open flame.

MATERIALS TO AVOID: Strong oxidizing agents or contamination with strong acids or alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

REACTIVITY: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated: Risk of ignition

INCOMPATIBLE MATERIALS: Oxidizers

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY-ORAL: Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

ACUTE TOXICITY- DERMAL: Not classified - the classification criteria are not met

ACUTE TOXICITY- INHALATION: Not classified - the classification criteria are not met

EYE CONTACT: Not classified - the classification criteria are not met

SKIN IRRITATION: May cause an allergic skin reaction.

RESPIRATORY SENSITIZATION: Not classified - the classification criteria are not met

TARGET ORGAN: Single exposure: Not classified.

GERM CELL MUTAGENICITY: Not classified - the classification criteria are not met

REPRODUCTIVE TOXICITY: Not classified - the classification criteria are not met

ASPIRATION HAZARD: Not classified - the classification criteria are not met

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Very toxic to aquatic life with lasting effects.

PERSISTENCE AND DEGRADABILITY: No data Available

BIO-ACCUMULATIVE POTENTIAL: No data Available

MOBILITY IN SOIL: No data Available

OTHER ADVERSE EFFECTS: No data Available

ECOTOXICOLOGICAL OTHER INFORMATION: No data Available

13. DISPOSAL CONSIDERATIONS

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. TRANSPORT INFORMATION

UN number	3082
UN proper shipping name Technical name (hazardous ingredients)	Environmentally hazardous substance, liquid, n.o.s. CINNAMIC ALDEHYDE, BENZYL SALICYLATE
Transport hazard class(es) Class	9

Packing group	III
Environmental hazards	hazardous to the aquatic environment
Environmentally hazardous substance (aquatic environment)	CINNAMIC ALDEHYDE, BENZYL SALICYLATE

Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Index number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
- Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: CINNAMIC ALDEHYDE, BENZYL SALICYLATE), 9, III
Class	9
Packing group	III
Danger label(s)	9, fish and tree
Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	8, 146, 173, 335, IB3, T4, TP1, TP29
ERG No	171

International Maritime Dangerous Goods Code (IMDG) - Additional information

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Marine pollutant	yes (hazardous to the aquatic environment)
Danger label(s)	9, fish and tree
Special provisions (SP)	274, 335, 969
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-F
Stowage category	A

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Environmental hazards	yes (hazardous to the aquatic environment)
Danger label(s)	9, fish and tree
Special provisions (SP)	A97, A158, A197
Excepted quantities (EQ)	E1
Limited quantities (LQ)	30 kg

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

(4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene 5989-27-5 EU Fragrance Allergens

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)

None of the ingredients are listed

- Hazardous Substance List (NJ-RTK)

(4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene 138-86-3 Class: F2 (Flammable – Second Degree)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

None of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Flammability 2

material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur

Health 2

temporary or minor injury may occur

NFPA® 704

Flammability 2

material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur

Health 2

material that, under emergency conditions, can cause temporary incapacitation or residual injury

16. OTHER INFORMATION

DISCLAIMER:

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond NorthWood Distributing LLC 's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred

from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.